

Fig. 1 A

Horseshoe and Wake Vortices around a Cylindrical Element

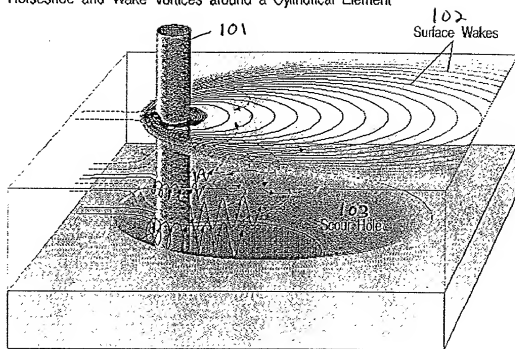


Fig. 1 B

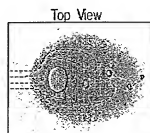
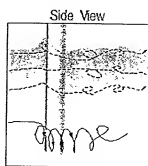


Fig. 1 C



→ Horseshoe Vortex
 ---- Wake Vortex

FIGURE 2

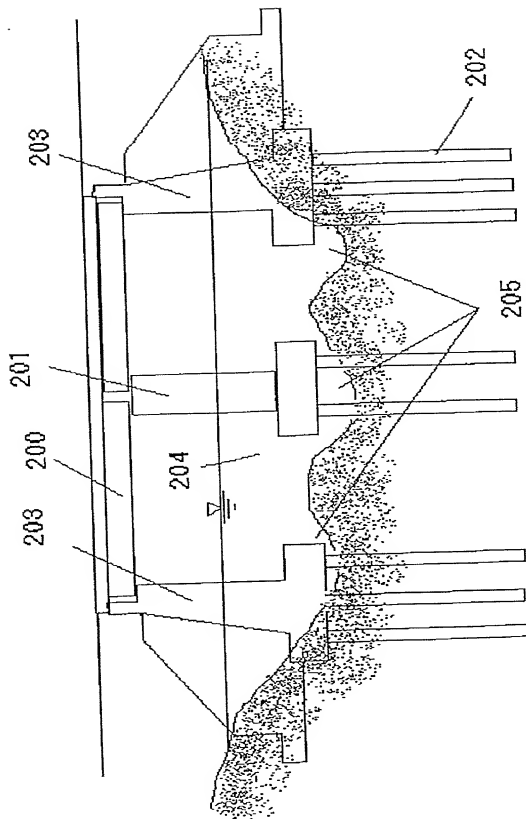


FIGURE 3

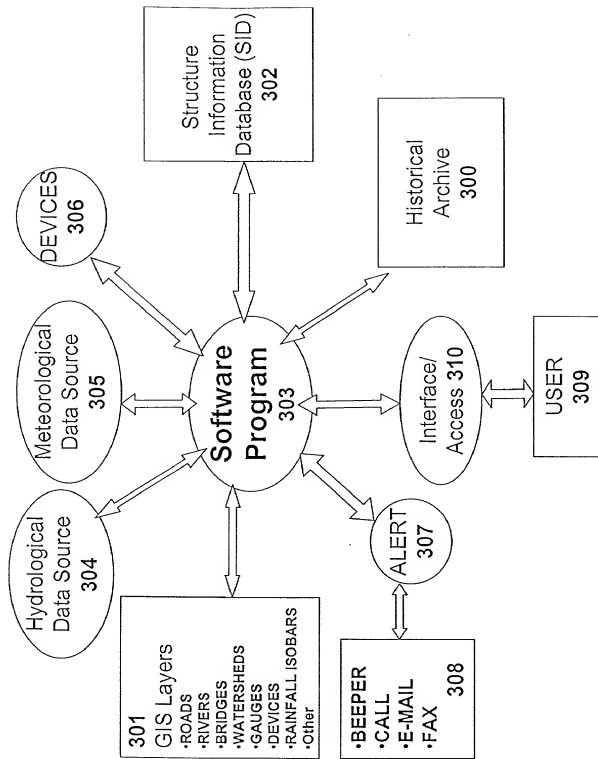


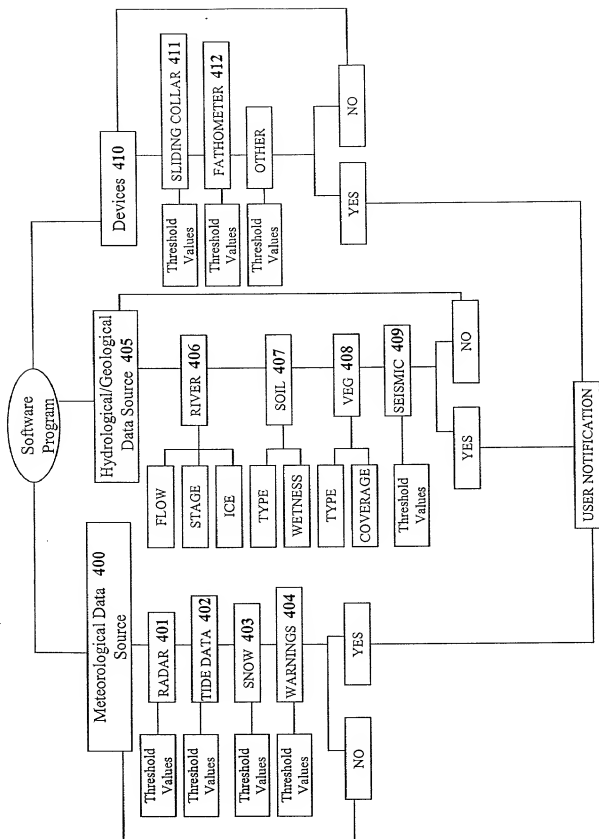
FIGURE 4

FIGURE 5

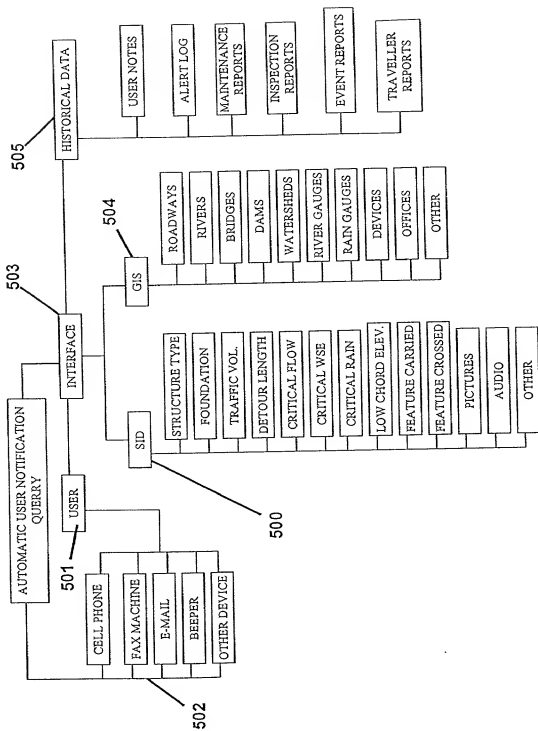


FIGURE 6

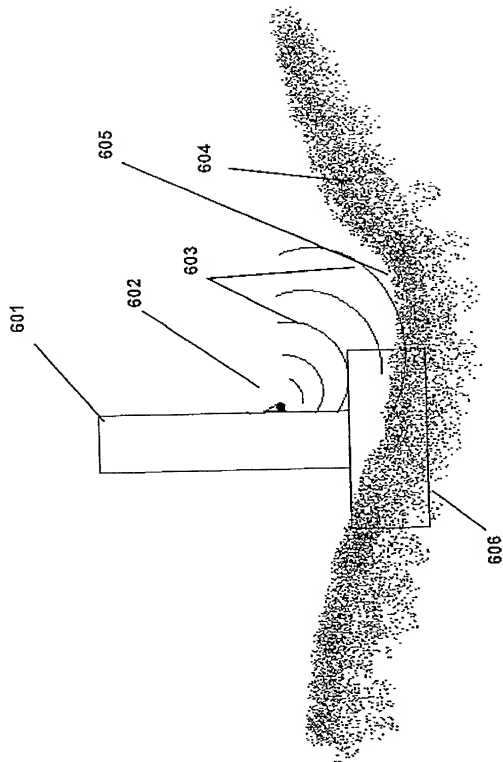


FIGURE 7

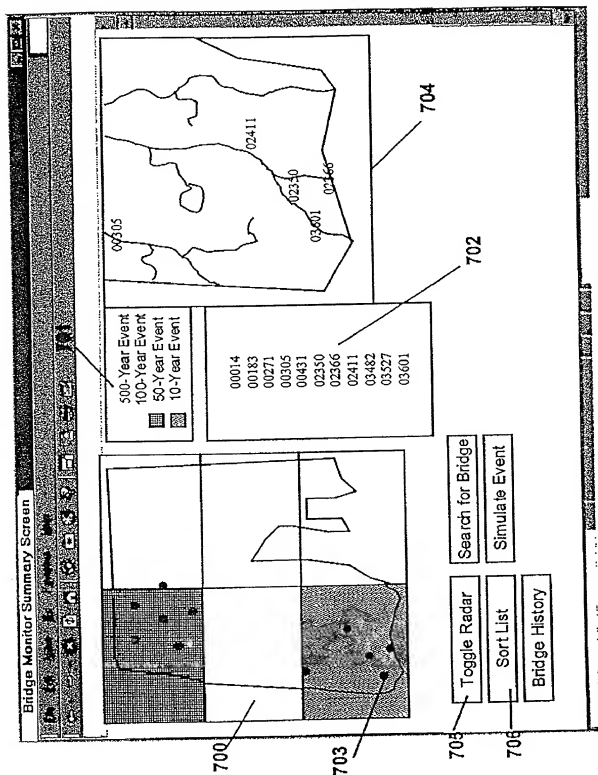


FIGURE 8

800

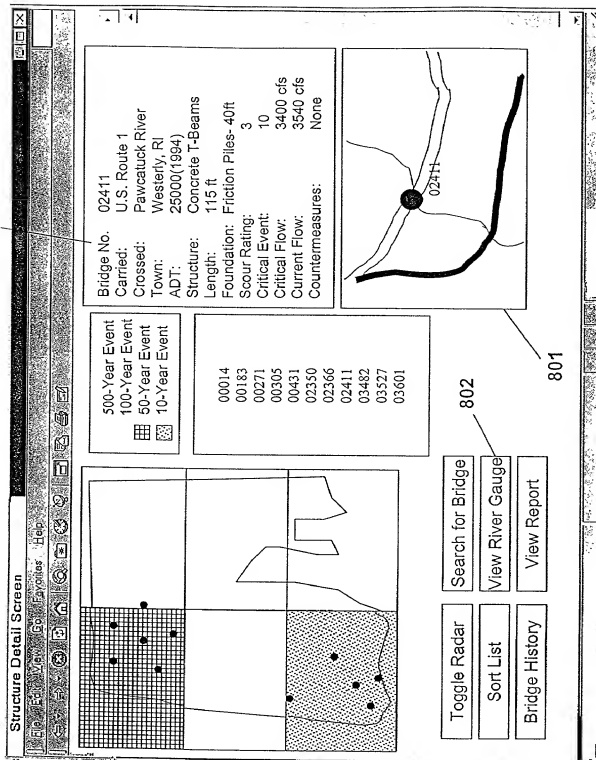


FIGURE 9

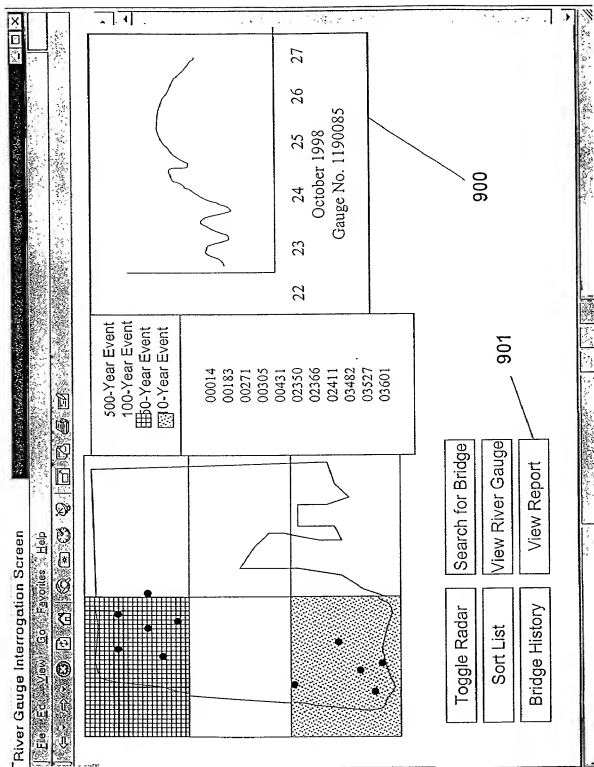


FIGURE 10

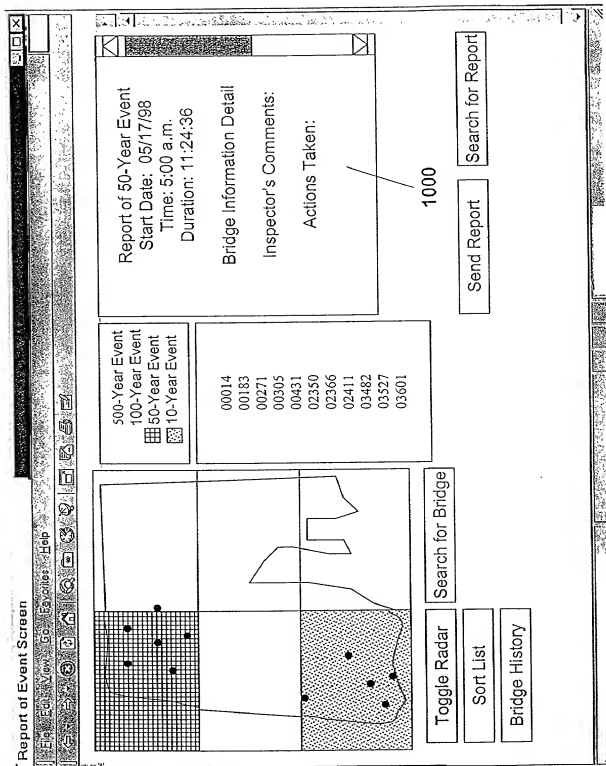


FIGURE 11